

Division of Solid Waste Management



In the beginning...



(The early days of solid waste management)









DIVISION OF SOLID WASTE MANAGEMENT



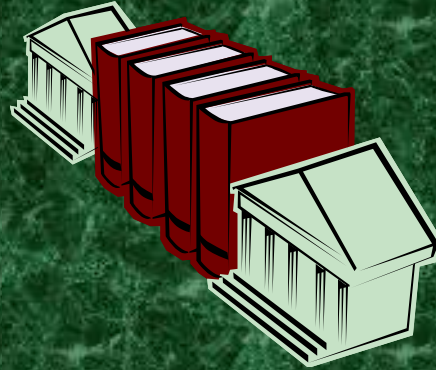








Waste Management Today...



Tennessee Code Annotated

68-211-101 (the Law)

1200-1-7-.01 et. seq. (the Regs)

Class I Disposal Facility

Refers to a sanitary landfill, or municipal solid waste landfill.



Class II Disposal Facility

Refers to a landfill which receives waste which is generated by one or more industrial or manufacturing plants. Additionally a Class II disposal facility may also serve as a monofill for ash disposal from the incineration of municipal solid waste.



Class III Disposal Facility

Refers to a landfill for the disposal of landscaping and land clearing wastes, and demolition/construction waste.



Class IV Disposal Facility

Refers to a landfill for the disposal of demolition and construction wastes.



Excavation of bottom Contours:



Construction of Geologic Buffer



QA/QC During Construction



CCL Construction



HDPE Liner Construction



Welding Liner Panels



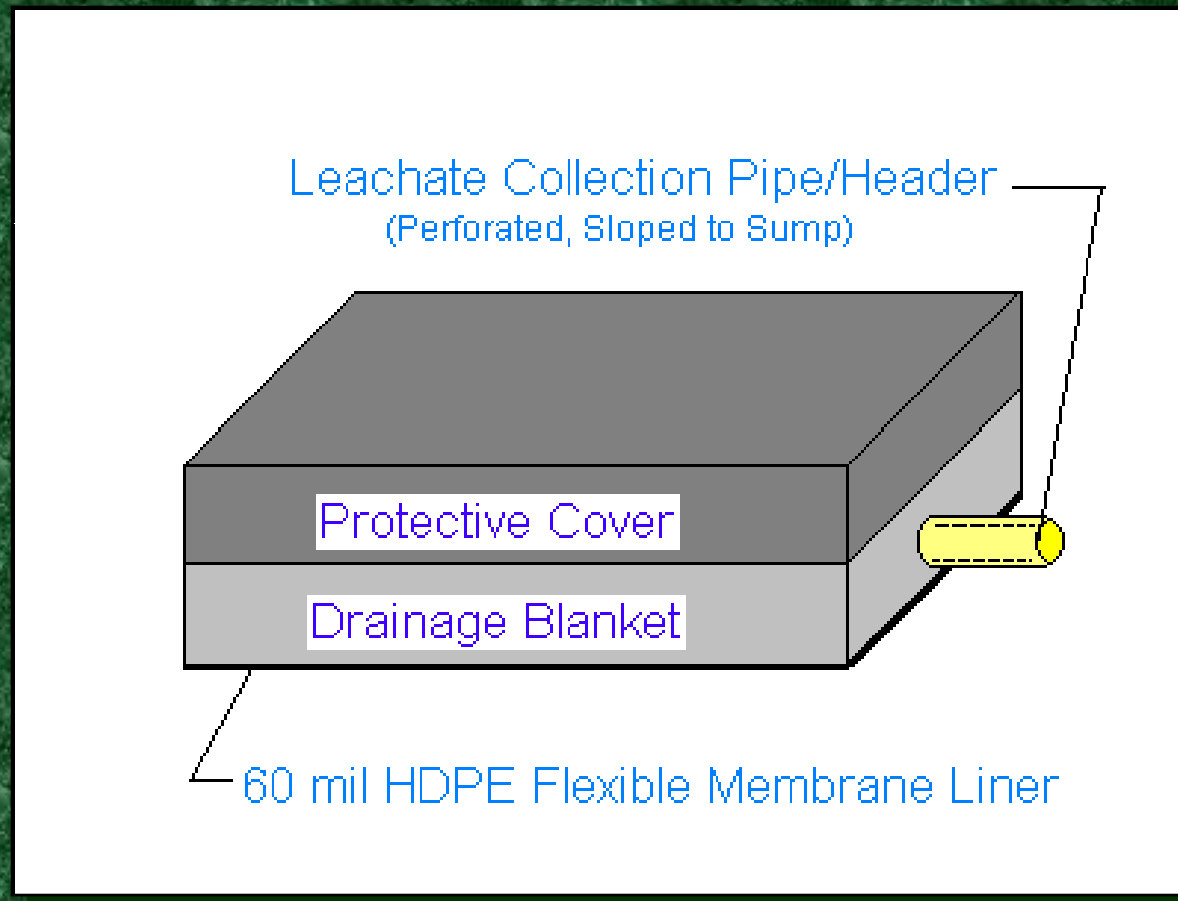
QA/QC of Liner Welds



Leachate Collection System



Leachate Collection System



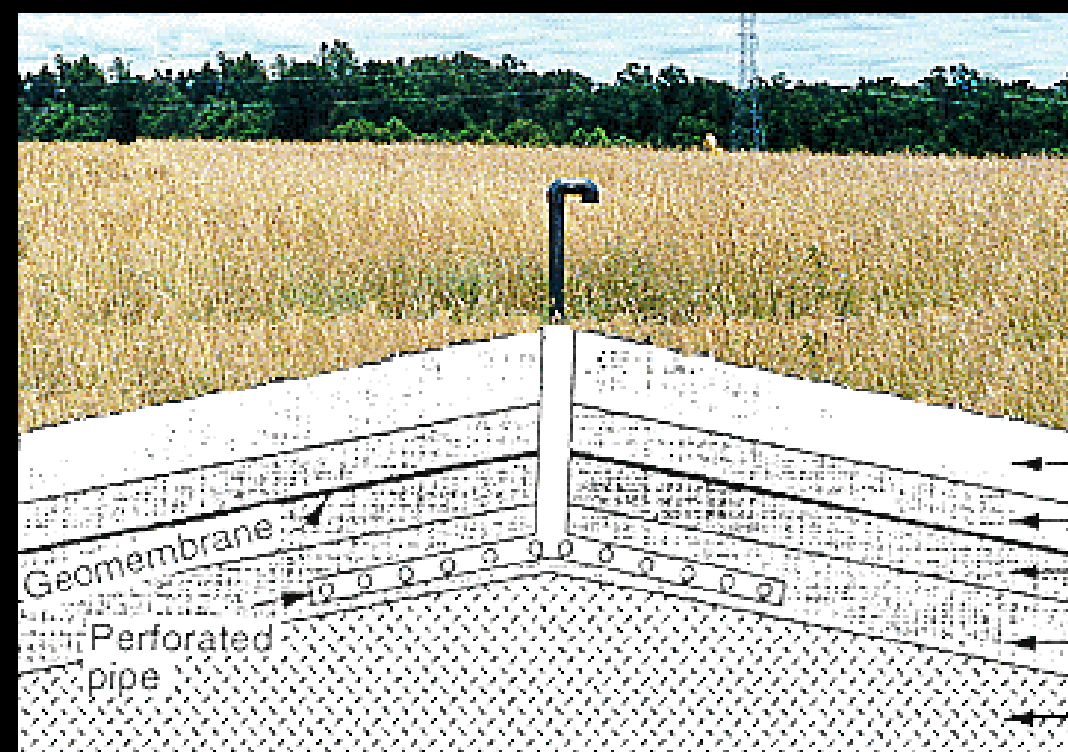
Collected Leachate

Leachate must be sampled and analyzed at least annually for Appendix I constituents, or for those ground water monitoring parameters listed in the permit.

All leachate analysis results with all pertinent supporting data must be reported to the Commissioner with the next semi-annual ground water analysis report.



Final Cap Design (non- Title V)



Top layer
Drain layer
Low-permeability
geomembrane/soil layer
Vent layer
Waste

Permit Application



Buffer Zone Standards

Class I Disposal Facilities fill areas must be:

- > 100 ft from property line**
- > 500 ft from residences (unless waived, in writing)**
- > 500 ft from any downgradient well in use**
- > 200 ft from any springs, streams, or lakes**



Provide a total site buffer with no constructed appurtenances within 50 feet of property line

Random Inspection Program

Prevents the disposal of: (1) regulated hazardous waste,
(2) unauthorized special waste, and
(3) PCB's

Program must include:

- Random inspection of 5% of the daily incoming loads
- Inspection of suspicious loads
- Training to recognize regulated hazardous waste
- Procedures to notify the *appropriate Division EAC* if an *unauthorized waste is identified and left at the facility*
- Records of all inspections



To find out more about our program, visit our web page at:


<http://www.state.tn.us/environment/swm/>

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**TENNESSEE.GOV**
Dept. of Environment and Conservation
Betsy Child, Commissioner

The Official Web Site of the State of Tennessee

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Programs	
➔	Solid Waste
➔	Hazardous Waste
➔	Lead-based Paint
➔	State Remediation (pdf)
➔	Used Oil



**Division of
Solid and Hazardous
Waste Management**

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Other Links	
➔	Annual Solid & Hazardous Waste Conference
➔	Solid Waste Disposal Control Board
➔	Municipal Solid Waste Advisory Commission
➔	Regulations
➔	Public Participation
➔	Environmental Permits Handbook
➔	SWM Mailing List

The mission of the Division of Solid and Hazardous Waste Management is to protect and enhance the public health and environment from existing and future contamination of the land through proper management and remediation of solid and hazardous wastes.

Division activities are land-based, regulating both solid waste and hazardous waste through specialized programs and functions. These include landfill permits, hazardous waste permits, state remediation program, used oil management, lead-based paint abatement, special waste, universal waste, and annual waste reporting. More detailed information is available through the links in the sidebar or in the text.

Done Internet